

PENDING CLAIMS FOR USSN 07/431,533

19. (Amended) A method for inducing or enhancing in a subject the production of antibodies reactive with UTAA comprising administering an effective amount of the antigen composition of claim 62.

62. An antigen composition comprising a substantially purified tumor antigen, wherein the tumor antigen is identified as comprising Urinary Tumor Associated Antigen (UTAA) subunit which, after reduction by β -mercaptoethanol and separation by SDS-polyacrylamide gel electrophoresis, exhibits a molecular weight of about 90 to 100 kD.

63. An antigen composition according to claim 62, wherein said UTAA is purified 100-fold over UTAA found in urine.

64. An antigen composition according to claim 62, wherein said UTAA is present as at least 0.6% of total protein in said composition.

65. (New) A method for enhancing in a subject the production of antibodies reactive with UTAA comprising administering an effective amount of the antigen composition of claim 62.